

10/554740

JC20 Rec'd PCT/PTO 28 OCT 2009

**THE FOLLOWING ARE THE ENGLISH TRANSLATION
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT (ARTICLE 34):**

Amended Sheets (Pages 14 and 15)

We claim:

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1. The use of an amorphous polyester which comprises as repeating units in condensed form
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- a) at least one aromatic dicarboxylic acid,
- b) at least one aliphatic dicarboxylic acid and
- 10 c) at least one aliphatic diol which has at least one branching point, a saturated cyclic partial structure and/or at least one ether group
- as polymer base for gum bases, wherein the molar ratio of a) to b) is from 1:4 to 2:1.
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2. The use as claimed in either one of the preceding claims, wherein the glass transition temperature T_g of the polyester is from 0 to -60°C .
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3. The use as claimed in any one of the preceding claims, wherein the aromatic dicarboxylic acid is selected from terephthalic acid, isophthalic acid and phthalic acid.
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4. The use as claimed in any one of the preceding claims, wherein the aliphatic dicarboxylic acid is selected from C_4 - C_{12} dicarboxylic acids.
5. The use as claimed in claim 5, wherein the aliphatic C_4 - C_{12} dicarboxylic acid is selected from succinic acid, glutaric acid, adipic acid, pimelic acid, azelaic acid and sebacic acid.
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6. The use as claimed in any one of the preceding claims, wherein the aliphatic diol is selected from 2,2-dimethylpropane-1,3-diol, diethylene glycol, triethylene glycol, tetraethylene glycol, pentaethylene glycol, hexaethylene glycol and cyclohexanedimethanol.
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7. The use as claimed in any one of the preceding claims, wherein the polyester additionally contains, as repeating unit, in condensed form,
- 40 d) at least one compound having at least three groups capable of ester formation.
8. The use as claimed in claim 7, wherein the compound having at least three groups capable of ester formation is selected from tartaric acid, citric acid, malic acid, trimethylolpropane, trimethylolethane, pentaerythritol, polyethertriols,

glycerol, trimesic acid, trimellitic acid, pyromellitic acid and hydroxyisophthalic acid.

- 5 9. The use as claimed in either one of claims 8 and 9, wherein the polyester contains the component d) in condensed form in an amount of from 0.1 to 5% by weight, based on the total weight of the polyester-forming components.
- 10 10. A gum base comprising at least one amorphous polyester as defined in the preceding claims and at least one further additive selected from resins, waxes, fats and oils.

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